

## Corpus Christi Sampling Approach Plan December 20, 2016

Sampling continues in Corpus Christi's distribution system to confirm the absence of Indulin AA-86 as a precautionary measure. Sample sites remain unchanged from the original locations.

In addition to taking samples in response to any complaints received with possibly related symptoms, the TCEQ is **tentatively** planning to **continue assessment** sampling at 20 sites per day as follows.

Dates of Sampling	# Sample Sites
Friday, Dec. 16, 2016	18
Saturday, Dec. 17, 2016	20
Sunday, Dec. 18, 2016	20
Monday, Dec. 19, 2016	20
Tuesday, Dec. 20, 2016	20
Wednesday, Dec. 21, 2016	20
Thursday, Dec. 22, 2016	Complaint Samples
Friday, Dec. 23, 2016	Complaint Samples
Saturday, Dec. 24, 2016	Complaint Samples
Sunday, Dec. 25, 2016	Complaint Samples
Monday, Dec. 26, 2016	Complaint Samples
Tuesday, Dec. 27, 2016	20
Wednesday, Dec. 28, 2016	20
<b>TOTAL</b>	<b>158</b>

\*A Response Crew will be on call to handle any complaints received from citizens reporting exposure related symptoms on the following dates:

The need to continue the Response Crew for Thursday December 29, 2016 -Sunday, January 1, 2017 will be assessed based on call volume. The need for additional sampling the week of January 2, 2017 will also be assessed based on testing results.

This discussion only considers samples taken under the sampling plan and samples based on customer complaints.

The EPA/TCEQ jointly proposed representative sample size of 150 derives from SDWA regulations for representative distribution system sampling requirements based on population. Once this sample number is reached on Wednesday December 28, 2016, we propose sampling efforts continue at targeted complaint sites only beginning December 29, 2016.

If any sample result is greater than the detection limit but less than the drinking water equivalent level or protective concentration level (DWEL/PCL) of 2.6 mg/L, that portion of the distribution system will be flushed and resampled for analysis. Any sample result that equals or exceeds the DWEL/PCL, will result in drinking water use consumption restrictions, flushed, and resampled. This process will continue until the resample is less than the DWEL/PCL, at which use restrictions will be lifted but flushing and resampling will continue until the resample comes back non-detect.